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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/621,853	07/16/2003	John E. Saare	03226.510001;SUN030083	1810

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OSHA LIANG L.L.P./SUN
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HOUSTON, TX 77010

EXAMINER

AVELLINO, JOSEPH E

ART UNIT	PAPER NUMBER
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2143

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/08/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/621,853

Applicant(s)

SAARE ET AL.

Examiner

Joseph E. Avellino

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 7/22/04, 1/10/05.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-20 are presented for examination; claims 1, 9, and 17 independent.

Information Disclosure Statement

2. The IDS's submitted July 22, 2004 and January 10, 2005 have been considered.
See enclosed PTO-1449.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-5, 7-13, and 15-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Chen et al. (US 2003/0054810) (hereinafter Chen).

4. Referring to claim 1, Chen discloses a method for providing a portal user (i.e. mobile devices 504) access to a resource server (i.e. servers 510) via a portal server (i.e. iMobile gateway 500) (e.g. abstract: Figure 17), comprising:

said portal user performing a single-sign-on to access said portal server (p. 8, ¶ 121);

said portal user requesting a resource from said resource server via said portal server (i.e. ...permits a user to access computers and systems...) (p. 8, ¶ 121);

said portal server performing a sign-on to access said resource server on behalf of said portal user (i.e. provide access to backend services automatically...retrieves encrypted Windows domain authentication ...and presents it to the Exchange server) (p. 8, ¶ 121-122; p. 11, ¶ 146-147); and

said resource server returning said resource to said portal user via said portal server (i.e. provide access to backend services automatically...query, search, and update inboxes, contacts, and calendars in the Exchange 2000 server) (p. 8, ¶ 122; p. 11, ¶ 149).

5. Referring to claim 2, Chen discloses performing said sign-on to access the resource server comprises using stored credentials (i.e. stored passwords and user id's) (p. 8, ¶ 121).

6. Referring to claim 3, Chen discloses performing said sign-on to access the resource server comprises using a shared authentication mechanism (i.e. the mobile devices share the gateway in order to utilize the resources via the SSO mechanism) (Figure 17).

7. Referring to claim 4, Chen discloses using proxy authentication (i.e. the iMobile server uses the credentials of the user to authenticate the server to the Exchange server in order to access the inbox of that particular user) (p. 8, ¶ 121).

8. Referring to claim 5, 7, and 8, Chen discloses the resource is an email server (i.e. inbox), an address book server (i.e. contacts), and a calendar server (i.e. calendar) (i.e. in the Exchange 2000 server) (p. 11, ¶ 149).

9. Claims 9-13, and 15-20 are rejected for similar reasons as stated above. Furthermore it is inherent that the portal server only has to execute the sign-on to the resource server only once to meet the claimed limitation of "one or more times" as recited in claim 9.

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 6 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chen.

11. Referring to claim 6, Chen discloses the invention substantively as described in claim 1. Chen does not specifically disclose the SSO mechanism access an instant messaging server, however Chen does disclose accessing a plurality of heterogeneous servers as shown in page 12, claim 5, and the use of instant messaging gateway to access the iMobile service. One of ordinary skill in the art would be motivated to add the IM server to the particular external servers supported by the iMobile service, since this is a service which requires a user id and password, which is subject to human error as described in Chen (p. 8, ¶ 121). By this rationale, "Official Notice" is taken that both the concepts and advantages of providing for a resource server including an instant messaging server is well known and expected in the art. It would have been obvious to one of ordinary skill in the art to modify the teaching of Chen to include an IM server as a resource server in order to allow users on mobile devices without an AIM client installed the ability to access their AIM service via the internet through HTTP, thereby providing a more customer friendly interface to access their systems through a plurality of interfaces.

12. Claim 14 is rejected for similar reasons as stated above.

Conclusion

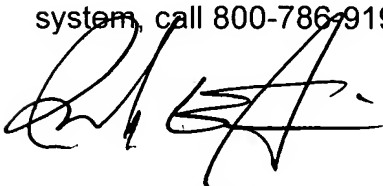
13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

14. Applicant is requested to review the Rangan reference, since numerous limitations are also met by this reference.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph E. Avellino whose telephone number is (571) 272-3905. The examiner can normally be reached on Monday-Friday 7:00-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read 'J. Avellino', is written over the signature line.

Joseph E. Avellino, Examiner
February 17, 2007